| Complete and send t | this form, together wit | | ` , | Commissioner fo | | | | |
|--|---|---|--|---|--|---|---|--|
| \77 | DEC 0 6 2004 | | F . | P.O. Box 1450 Alexandria, Virg | ginia 22313-14 | 150 | | |
| INSTRUCTIONS: This for | orn should be used for transcription of the I | smitting the ISSU | or <u>Fa</u> E FEE and PU | | nired). Blocks 1 to | hrough 5 sho | uld be completed where | |
| maintenance fee notificatio | ns. | in Block I, by (a | specifying a r | ew correspondence address | ; and/or (b) indica | ating a separa | TEE ADDRESS 101 | |
| | CE ADDRESS (Note: Use Block 1 for 590 09/23/2004 | any change of address) | | Note: A certificate of Fee(s) Transmittal. The papers. Each addition have its own certificate. | nis certificate cann al paper, such as a | ot be used for an assignment | domestic mailings of the any other accompanying or formal drawing, must | |
| COZEN O'CON 1900 MARKET S' | TREET | | | I hereby certify that t | rtificate of Mailir his Fee(s) Transm with sufficient pos | ittal is being of | ission deposited with the United class mail in an envelope bove, or being facsimile | |
| PHILADELPHIA, 7/P004-RMEBRRH1-0000 | , PA 19103-3508 0050-501275 - 0910867 ; | - | | addressed to the Ma transmitted to the USI | IT Stop ISSUE FI PTO (703) 746-400 | 00, on the dat | e indicated below. | |
| C:2501 685.00 | D A | | | AGUIT- | J. Ju | les ti | (Depositor's name) (Signature) | |
| CIOVOI CONTO | -20 | | | () Dece | magni | ,200 | (Date) | |
| APPLICATION NO. | FILING DATE | | FIRST NAMED I | NVENTOR | ATTORNEY DO | CKET NO. | CONFIRMATION NO. | |
| 09/108,673 TITLE OF INVENTION: C | 07/01/1998 COMPOSITIONS AND MET | HODS FOR THE | CHIN-LEOU DELIVERY OF | | ISIS-310 IA THE ALIMEN | | 2703 AL | |
| APPLN, TYPE | SMALL ENTITY | ISSUE F | EE | PUBLICATION FEE | TOTAL FEE(S | S) DUE | DATE DUE | |
| nonprovisional | YES | \$665 | | \$0 | \$665 | | 12/23/2004 | |
| EXAM | MINER | ART UNIT | | CLASS-SUBCL ASS |] | | | |
| NGUYE | N, QUANG | 1636 | | 514-784000 | | | | |
| Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. | | | 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. ISIS Pharmaceutic. Cozen O'Connor 3 | | | | | |
| 3. ASSIGNEE NAME ANI | D RESIDENCE DATA TO B s an assignee is identified be n 37 CFR 3.11. Completion | flow, no assignee of this form is NO | data will appea | r on the patent. If an assign filing an assignment. | | pelow, the doc | sument has been filed for | |
| (A) NAME OF ASSIGN | | | | : (CITY and STATE OR CO | | | | |
| | aceuticals, | | | lsbad, Califo | | | p entity 🚨 Government | |
| 4a. The following fee(s) are | e assignee category or catego e enclosed: | | . Payment of Fe | | corporation or othe | r private grou | p entity Government | |
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| Publication Fee (No small entity discount permitted) Advance Order - # of Copies | | | Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-1275 (enclose an extra copy of this form). | | | | | |
| a. Applicant claims S | s (from status indicated above SMALL ENTITY status. See | 37 CFR 1.27. | | nt is no longer claiming SMA | | | | |
| The Director of the USPTO NOTE: The Issue Fee and I interest as shown by the rec | o is requested to apply the Issu Publication Fee (if required) veords of the United States Pate | e Fee and Publica vill not be accepted ent and Trademark | tion Fee (if any) I from anyone of Office. | or to re-apply any previous other than the applicant; a reg | ly paid issue fee to gistered attorney of | o the application the agent; or the | on identified above. assignee or other party in | |
| Authorized Signature | | | Date Dec (oy | | | | | |
| Typed or printed name _ | Quan Le Ngu | | Registration No. 46,957 | | | | | |
| This collection of informati an application. Confidentia submitting the completed a this form and/or suggestion | ion is required by 37 CFR 1.3 lity is governed by 35 U.S.C. application form to the USPT as for reducing this burden, sl ginia 22313-1450. DO NOT | 11. The information 122 and 37 CFR O. Time will vary tould be sent to the | on is required to 1.14. This colle depending upo Chief Informa | obtain or retain a benefit by ction is estimated to take 12 n the individual case. Any ction Officer, U.S. Patent and CORMS TO THIS ADDRESS | the public which i minutes to compl- comments on the a d Trademark Office S. SEND TO: Con- | s to file (and bete, including mount of times, U.S. Departments; oner for | by the USPTO to process) gathering, preparing, and e you require to complete tment of Commerce, P.O. | |

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| FEETRANSMITTAL | Complete if Known | | | | |
|---|----------------------|-------------------------|--|--|--|
| / · · · · · · · · · · · · · · · · · · · | Application Number | 09/108,673 | | | |
| DEC 0 6 2004 for FY 2005 | Filing Date | July 1, 1998 | | | |
| BE | First Named Inventor | Chin-Leou Teng | | | |
| Applicant claims small entity status. See 37 CFR 1.27 | Examiner Name | Q. Nguyen | | | |
| Applicant claims small entity status. See 37 CFR 1.27 | Art Unit | 1636 | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 1407 | Attorney Docket No. | ISIC0001-101(ISIS-3105) | | | |

| METHOD OF PAYMENT (check all that apply) | | | FEE CALCULATION (continued) | | | | | |
|--|--|-------------|-----------------------------|--|-------------|-------------|--|----------|
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| Order Deposit Account: | | | arge_i | Entity | Small E | ntity | | |
| | | Fe Co | e ode | Fee (\$) | Fee Code | Fee (\$) | Fee Description Fee | Paid |
| Deposit So-1275 | | 1 1 1 | 51 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| Number | | | 52 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| Deposit Account Cozen O'Connor Name | | | 53 | 130 | 1053 | 130 | Non-English specification | |
| | | | 12 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| The Director is authorized to: (check all that apply) ☑ Charge fee(s) indicated below ☑ Credit any overpayments | | | 04 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| ☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee | | | 05 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| to the above-identified deposit account. | | | 51 | 110 | 2251 | 55 | Extension for reply within first month | |
| | FEE CALCULATION | 12 | 52 | 430 | 2252 | 215 | Extension for reply within second month | |
| | LING FEE | 12 | 53 | 980 | 2253 | 490 | Extension for reply within third month | |
| | Small Entity ee Fee Fee Description | 12 | 54 | 1,530 | 2254 | 765 | Extension for reply within fourth month | |
| | ee Fee <u>Fee Description</u> code (\$) | 12 | 55 | 2,080 | 2255 | 1,040 | Extension for reply within fifth month | |
| | 001 395 Utility filing fee | 1 4 | 01 | 340 | 2401 | 170 | Notice of Appeal | |
| 1002 350 2 | 002 175 Design filing fee | 14 | 02 | 340 | 2402 | 170 | Filing a brief in support of an appeal | |
| 1003 550 2 | 003 275 Plant filing fee | 14 | 03 | 300 | 2403 | 150 | Request for oral hearing | |
| 1004 790 2 | 004 395 Reissue filing fee | 14 | 51 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1005 160 2 | 005 80 Provisional filling fee | 14 | 52 | 110 | 2452 | 55 | Petition to revive ~ unavoidable | |
| | SUBTOTAL (1) (\$)0 | | | 1,370 | 2453 | 685 | Petition to revive – unintentional | |
| | (4)0 | 15 | 01 | 1,370 | 2501 | 685 | Utility issue fee (or reissue) | 1370 |
| 2. EXTRA CLA | IM FEES FOR UTILITY AND REISSUE | 15 | 02 | 490 | 2502 | 245 | Design issue fee | |
| | Fee from Extra Claims below Fee Pa | 15 | 03 | 660 | 2503 | 330 | Plant issue fee | |
| Total Claims | - ** = 0 X = 0 | 14 | 60 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| Independent | | = 18 | 07 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) | |
| Claims | - ** = 0 X = 0 | 18 | 06 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| Multiple Dependent | X = 0 | 80 | 21 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| Large Entity | Small Entity | 18 | 09 | 790 | 2809 | 395 | Filing a submission after final rejection | |
| Fee Fee Code (\$) | Fee Fee Fee Description | | | | | | (37 CFR § 1.129(a)) | |
| Code (\$) 1202 18 | Code (\$) | 18 | 10 | 790 | 2810 | 395 | For each additional invention to be | |
| 1201 88 | 2201 44 Independent claims in excess of 3 | | | | l | | examined (37 CFR § 1.129(b)) | \vdash |
| 1203 300 | 2203 150 Multiple dependent claim, if not paid | 18 | 101 | 790 | 2801 | 395 | Request for Continued Examination (RCE) | |
| 1204 88 | 2204 44 ** Reissue independent claims over original patent | 1 | 102 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| 1205 18 | 2205 9 ** Reissue claims in excess of 20 ar | - 1 | <u> </u> | | | | | |
| SUBTOTAL (2) (\$) 0 | | | | Other fee (specify) 12 Soft Copies of Issued Patent *Reduced by Basic Filing Fee Paid | | | | 37 |
| **or number previously paid, if greater; For Reissues, see above | | | | -, -30 | | , | SUBTOTAL (3) (\$) 140 | 7 |
| | | | | | | | | |

SUBMITTED BY Complete (if applicable) Quan Le Nguyen Name (Print/Type) Registration No. (Attorney/Agent) 46,957 Telephone 215-665-2000 Signature December 1, 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.